

AMENDMENTS TO THE CLAIMS

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1. (Currently Amended) A global information management system,
comprising:

at least one base;

~~which is intended for management of information represented in
the form of absolute coordinates and which is based on use of a
position-coding pattern which defines codes absolute coordinates of
a total set of positions, wherein one or more subsets of said
position-coding pattern is provided on said base;~~

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~~an imaginary position surface—(100;—200) which
includes ~~consisting of all the total set of positions coded by whose~~
~~absolute coordinates the position-coding pattern has the capacity~~
~~to code, said imaginary position surface being imaginary in the~~
~~system in as much as the position-coding pattern is never present~~
~~in its entirety on any base, wherein at least two unique regions~~
~~(101 104; 201 213) are arbitrarily definable on the imaginary~~
~~surface—(100;200), each of which is dedicated to a predetermin-~~
~~ed management of information management; and~~~~

processing circuitry which carries out ~~so that the management~~
~~of information recorded from said base and represented by the~~
~~absolute coordinates of at least one position coded by said subset,~~
~~on the imaginary surface (100;200) is carried out in dependence~~
~~upon the region affiliation of said at least one position.~~

2. (Currently Amended) An information management system according to claim 1, ~~wherein~~ ~~in which~~ said information comprises a sequence of positions on the imaginary position surface ~~(100, 200)~~, ~~said~~ ~~which~~ positions forming message information, ~~such as~~ ~~interrelated lines~~.

3. (Currently Amended) An information management system according to claim 1 ~~or 2~~, ~~wherein~~ ~~in which~~ at least one command region ~~(104, 201, 207, 216-219)~~ which represents an operation is defined on the imaginary position surface ~~(100, 200)~~, so that detection of the absolute coordinates for a position within this command region ~~(104, 201, 207, 216-219)~~ results in initiation of said operation.

4. (Currently Amended) An information management system according to claim 3, ~~wherein~~ ~~in which~~ said operation is one of the operations to store information, to send information and to convert information.

5. (Currently Amended) An information management system according to claim 12, ~~3 or 4~~, ~~wherein~~ ~~in which~~ a primary region ~~(206)~~ on the imaginary position surface ~~(100, 200)~~ is dedicated to a predetermined management of information and contains ~~said~~ at

least one command region ~~(216-219)~~ and at least one message recording region ~~(214, 215, 220)~~, which is dedicated to digital recording of a sequence of positions on the imaginary position surface ~~(200)~~, ~~which said positions forming~~ message information, ~~such as interrelated lines.~~

6. (Currently Amended) An information management system according to claim 5, in which the primary region ~~(206)~~ contains a plurality of identical standard regions ~~(213)~~, said at least one message recording region ~~(214, 215, 220)~~ and said at least one command region ~~(216-219)~~ being included in such a standard region ~~(213)~~.

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7. (Currently Amended) An information management system according to ~~any one of the preceding claim 1s~~, further comprising a computer system ~~(3)~~ which is arranged to store information about the division of the imaginary position surface ~~(100, 200)~~ into said regions.

8. (Currently Amended) An information management system according to claim 7, in which the computer system ~~(3)~~ is arranged to store information about an owner of at least one of said regions.

9. (Currently Amended) An information management system according to ~~any one of the preceding claim 1s~~, further comprising at least one user unit (2) which is arranged to record said absolute coordinates from said a base (1) ~~which is provided with at least one subset of said position coding pattern.~~

10. (Currently Amended) An information management system according to claim 9, ~~wherein~~ in which the absolute coordinates recorded by means of the user unit (2) ~~represent graphical information which was written using the user unit (2) on said at least one subset of the position coding pattern~~ base.

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11. (Currently Amended) An information management system according to ~~any one of the preceding claim 1s~~, wherein the imaginary position surface is capable of being arbitrarily subdivided, with respect to the shape and/or size of said regions ~~further comprising at least one base (1) which is provided with at least one subset of said position coding pattern, said at least one subset coding at least one position within at least one region on the imaginary surface (100; 200).~~

12. (Currently Amended) An information management system ~~intended for management of digitally represented information which is associated with absolute positions on~~, comprising:

at least one base; and

an imaginary position surface—(100; 200), wherein the imaginary surface (100; 200) contains which includes a total set of absolute positions, wherein one or more subsets of said imaginary position surface is provided on said base, said imaginary position surface being imaginary in the system in as much as it is never present in its entirety on any base;

wherein at least two regions—(101-104; 201-213)—are arbitrarily definable on the imaginary position surface, each of which is dedicated to predetermined management of digitally represented said information which is associated with at least one absolute position on said imaginary position surface, so that the management of said information is carried out dependent upon the region affiliation of the said at least one absolute positions associated with said information.

13. (Currently Amended) An information management system according to claim 12, wherein ~~in which~~ at least one command region ~~(104; 201; 207; 216-219)~~ is defined on the imaginary position surface ~~(100; 200)~~, said ~~which~~ command region ~~represents~~ representing an operation, so that detection of at least one absolute position within said command region ~~(104; 201; 207; 216-220)~~ results in initiation of said operation.

14. (Currently Amended) An information management system according to claim 13, ~~wherein~~ wherein said operation is one of the operations to store information, to send information and to convert information.

15. (Currently Amended) An information management system according to ~~any one of claims 12-14,~~ further comprising a computer system ~~(3)~~ which is arranged to store information about which absolute positions belong to a particular region.

16. (Currently Amended) An information management system according to claim 15, ~~in which~~ wherein the computer system ~~(3)~~ is arranged to store information about an owner who is allocated at least one of said regions.

17. (Currently Amended) An information management system according to claim 12 ~~any one of claims 12-16,~~ further comprising a held-held device ~~(2)~~ which is arranged to record at least one absolute position on said base ~~(1)~~ ~~which is provided with at least one subset of said imaginary surface (100, 200).~~

18. (Currently Amended) An information management system according to claim 17, ~~wherein~~ wherein said at least one absolute position which is recorded by the hand-held device ~~(2)~~ is asso-

ciated with graphical information which was written with the hand-held device (2) on the base (1).

19. (Currently Amended) An information management system according to claim 17 or 18, wherein ~~in which~~ a position-coding pattern is arranged to define said at least one absolute position, and in which the hand-held device (2) is arranged to detect and decode the position-coding pattern to determine said at least one absolute position on the imaginary position surface (100; 200) and said region affiliation.

20. (Currently Amended) An information management system according to claim 19, wherein ~~in which~~ the position-coding pattern comprises marks (A7) which are arranged with a displacement from their nominal position (A6).

21. (Currently Amended) An information management system according to claim 12 ~~any one of the preceding claims~~, wherein the imaginary position surface is capable of being arbitrarily subdivided with respect to the shape and/or size of said regions ~~further comprising at least one base (1) whose surface is provided with at least one subset of said imaginary surface (100; 200).~~

22.-30. (Canceled).

31. (Currently Amended) A method for management of information which is represented by absolute coordinates and which is recorded from a base provided with one or more subsets of a position-coding pattern, comprising the step of:

defining at least two unique regions ~~(101-104; 201-213)~~, each of which is dedicated to predetermined information management, on an imaginary position surface, (100; 200) which ~~includes~~ consists of all the positions whose absolute coordinates a position-coding pattern has the capacity to code and which is imaginary in as much as it is never present in its entirety on any base;

dedicating each of said regions to predetermined information management; and

managing, so that information which is represented by the absolute coordinates of at least one position on the imaginary position surface (100; 200) is managed dependent upon the region affiliation of said at least one position.

32. (Currently Amended) A method according to claim 31, further comprising: the step of giving a party the sole right to use a part subset of the position-coding pattern, which subset said part encodes coding at least one position within a predetermined region ~~(101-104; 201-220)~~ on the imaginary surface ~~(100; 200)~~.

33. (Currently Amended) A method according to claim ~~31 or 32~~, further comprising: the step of creating said information by moving a held-held device (2) across said base (1) which is provided with at least one subset of a position coding pattern, which subset codes absolute positions on the imaginary surface (100; 200), said information being formed as a sequence of absolute positions on the imaginary surface (100; 200), said which absolute positions forming message information, such as interrelated lines.

34. (Currently Amended) A method according to claim 31 ~~any one of claims 31-33~~, further comprising: the step of initiating an operation, when said at least one position is situated within a command region (104; 201, 216-219) on the imaginary surface (100; 200).

35. (Currently Amended) A method according to claim 34 ~~claims 33 and 34~~, further comprising: creating said information by moving a hand-held device across said base, said information being formed as a sequence of absolute positions on the imaginary surface, said absolute positions forming message information, in which said operation concerns concerning all or parts of the recorded message information.

36. (Currently Amended) A method according to claim 34 ~~or 35~~, ~~wherein~~ in which said operation is one of the operations to store information, to send information and to convert information.

37. (Currently Amended) A method for management of digitally represented information which is associated with at least one absolute position on an imaginary position surface and which is recorded from a base provided with one or more subsets of the imaginary position surface, wherein the imaginary position surface ~~(100; 200)~~, which is imaginary in as much as it is never present in its entirety on any base, contains is arbitrarily subdividable into at least two regions ~~(101-104; 201-220)~~, said method comprising: ~~the steps of determining whether said at least one absolute position, which is associated with said information, is situated within one of said regions (101-104; 201-220) and managing said information in a predetermined way dependent upon to which region (101-104; 201-220) said at least one absolute position belongs.~~

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38. (Currently Amended) A method according to claim 37, further comprising: ~~the steps of producing said information by moving a hand-held device (2) across a said base; (1) provided with a subset of said imaginary surface (100; 200), of determining the absolute position of the hand-held device (2) during at least part~~

of said movement; and ~~of~~ associating said information with the absolute position thus determined.

39. (Currently Amended) A method according to claim 38, ~~wherein~~ in which said information comprises a graph which represents said movement.

40. (Currently Amended) A method according to claim 38, ~~wherein~~ in which said information is characters which correspond to said movement after interpretation by means of a character interpretation program.

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41.-49. (Canceled).

50. (Currently Amended) A method of using ~~Use of a position-coding pattern positions on an imaginary surface (100; 200) for control of management of information, comprising: providing a product with at least one subset of the position-coding pattern; dividing an imaginary position surface into regions, which said imaginary position surface (100; 200) consists of including a large number of positions coded by the position-coding pattern and is imaginary in as much as it is never present in its entirety on any product; and is divided into regions (101-104; 201-213), in which a rule is associating~~ ed with each region with a rule (101-

~~104; 201-213)~~ for how the information which contains coordinates
for at least one position within this region ~~(101-104; 201-213)~~ is
to be managed.

51. (Canceled).

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50~~claim 51~~, in which the imaginary position surface ~~(100; 200)~~
consists of all the positions which the position-coding pattern has
the capacity to code.